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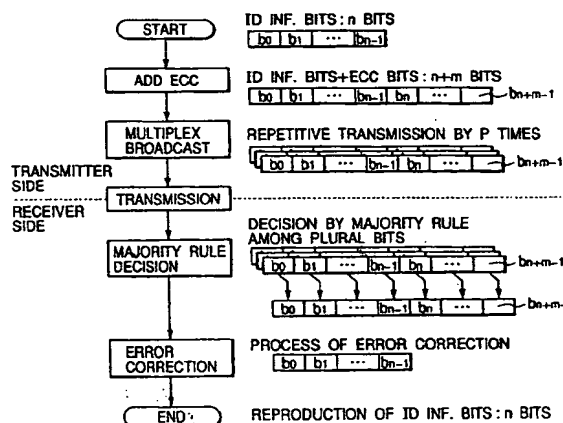
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(54) Data transmission method for embedded data, data transmitting and reproducing apparatuses and information recording medium therefor

(57) In a data transmission method for information data containing additional information data therewith, comprising, at a transmitter side, following steps:

adding error correction codes for correcting error to said additional information data;  
embedding said additional information data added with said error correction codes into the information data by plural times, repetitively; and  
transmitting the information data embedded with the repetitive additional information data therein, and comprising, at a receiver side, following steps:  
receiving the transmitted information data embedded with the repetitive additional information data therein;  
detecting the repetitive additional information data embedded from said transmitted information data received;  
determining said additional information data on a basis of a majority rule when receiving said information data; and  
correcting error with using the error correction codes received and determined when said additional information data contains error(s) therein.

FIG. 1



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## EUROPEAN SEARCH REPORT

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Place of search BERLIN		Date of completion of the search 22 January 2001	Examiner Gries, T
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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